

ABSTRACT

An isolation mount for use in motor vehicles in which the mount is sandwiched between the subframe and body. The mount includes an elastomeric upper mount and lower mount and a threaded fastener drawing the two elastomeric mounts together. The upper mount has an insert member with an oblong shape in the lateral displacement direction of the vehicle. The oblong shape increases the volume of elastomer that can be used to respond to lateral forces and reduces the stresses developed on the elastomer. The lateral response rate is stiffer than the fore and aft response rate and both are stiffer than the vertical response rate.